

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for reporting Channel Quality Information (CQI) by a subscriber station in a mobile communication system, comprising:

(a) receiving uplink radio resource allocation information to which a dedicated feedback channel for reporting the CQI is allocated from a base station;

(b) receiving a CQI report message from the base station;

(c) measuring a radio channel quality for communication with the base station, and generating channel quality information;

(d) generating a CQI response message including the channel quality information; and

(e) transmitting the CQI response message to the base station through a dedicated feedback channel in the uplink,

wherein transmitting the CQI response message comprises:

checking an order of identifiers of corresponding subscriber stations arranged in the CQI report message;

identifying a radio resource allocated to the subscriber station in the order of the CQI report requested to each subscriber station; and

transmitting a CQI response message to the base station through the identified radio resource in the dedicated feedback channel.

2. (Original) The method of claim 1, wherein the CQI report message is broadcast.

3. (Currently Amended) The method of claim 2, wherein the CQI report message includes ~~the identifiers of at least one subscriber station~~ arranged in a predetermined order.

4. (Cancelled)

5. (Currently Amended) The method of claim 3, wherein the identifiers ~~of the subscriber station is a~~ are Connection Identifiers (CIDs).

6. (Previously Presented) The method of claim 1, wherein the CQI response message further includes a Cyclic Redundancy Check (CRC) in addition to the channel quality information.

7. (Original) The method of claim 1, wherein the CQI response message includes a channel quality information codeword.

8. (Original) The method of claim 1, wherein the CQI report message includes format information for reporting the channel quality information.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Currently Amended) A method for requesting and reporting radio Channel Quality Information (CQI) in a mobile communication system to which a base station and subscriber stations are coupled through a mobile communication network, comprising:

(a) allowing the base station to allocate a dedicated feedback channel for channel quality report, and transmitting the allocation information to the subscriber stations;

(b) generating a CQI report message, broadcasting the CQI report message, and requesting a CQI report from at least one subscriber station;

(c) allowing the subscriber stations to receive the CQI report message, measure radio channel quality for communication link to the base station, and generate channel quality information; and

(d) allowing the subscriber station to generate a CQI response message including channel quality information and transmit the CQI response message to the base station through a dedicated feedback channel for channel quality report,

wherein the CQI response message includes identifiers of at least one subscriber station arranged in a predetermined order, and allowing the subscriber station to generate the CQI response message including the channel quality information and transmit the CQI response message to the base station through the dedicated feedback channel for channel quality report comprises:

checking the order of identifiers of corresponding subscriber stations arranged in the CQI response message;

identifying a radio resource position allocated to the subscriber station in the order of the CQI report requested to each subscriber station; and

transmitting the CQI response message to the base station through the identified radio resource in the dedicated feedback channel.

14. (Cancelled)

15. (Previously Presented) The method of claim 13, wherein the requesting and reporting method is applied to a wireless portable Internet system.

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) A subscriber station for reporting Channel Quality Information (CQI) in a mobile communication system, comprising:

a message parser for receiving a CQI report message from a base station and parsing the CQI report message;

a channel quality measurer for measuring a radio channel quality of the communication link to the base station, and generating channel quality information;

a response message generator for generating a CQI response message including the channel quality information;

a resource allocation checker for receiving uplink radio resource allocation information with a dedicated feedback channel for CQI report provided by the base station, storing the uplink radio resource allocation information, and checking an allocated radio resource for CQI report according to the parsed message result; and

a transmitter for transmitting the CQI response message to the base station through the allocated radio resource,

wherein the CQI report message includes identifiers of at least one subscriber station arranged in a predetermined order, and the resource allocation checker checks a radio resource position at which the subscriber station reports channel quality information through the dedicated feedback channel according to the order of identifiers of the corresponding subscriber stations arranged in the CQI report message.

19. (Cancelled)